

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Assignee: ABB LUMMUS GLOBAL INC.  
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**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, ABB LUMMUS GLOBAL INC., the assignee of the patent application listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 80911

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

**Please use address associated with PTO Customer Number 80911.**

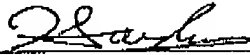
**Please direct telephone calls to: Jeffrey S. Bergman (713) 228-8600.**

**Please direct facsimiles to: (713) 228-8778.**

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code.

Signature:



Dated:

12 Oct 09

Printed Name:

Helion H. Sardina

Title:

General Manager

**APPENDIX A**

1. **Patent Application/Serial No.:** 09/863,973  
**Patent No.** 6,875,901  
**Title:** OLEFIN ISOMERIZATION PROESS  
**Filed:** May 23, 2001  
**Assignee(s):** ABB LUMMUS GLOBAL INC.  
**Assignment Reel / Frame** 011844/0692  
**Attorney Docket No:** 17421/062001
2. **Patent Application/Serial No.:** 10/093,322  
**Patent No.** 6,777,582  
**Title:** PROCESS FOR PRODUCING PROPYLENE AND  
HEXENE FROM C4 OLEFIN STREAMS  
**Filed:** March 7, 2002  
**Assignee(s):** ABB LUMMUS GLOBAL INC.  
**Assignment Reel / Frame** 012909/0465  
**Attorney Docket No:** 17421/063001
3. **Patent Application/Serial No.:** 10/121,151  
**Patent No.** 6,637,237  
**Title:** OLEFIN PLANT REFRIGERATION SYSTEM  
**Filed:** April 11, 2001  
**Assignee(s):** ABB LUMMUS GLOBAL INC.  
**Assignment Reel / Frame** 013115/0009  
**Attorney Docket No:** 17421/065001
4. **Patent Application/Serial No.:** 10/342,998  
**Patent No.** 6,705,113  
**Title:** OLEFIN PLANT REFRIGERATION SYSTEM  
**Filed:** April 11, 2001  
**Assignee(s):** ABB LUMMUS GLOBAL INC.  
**Assignment Reel / Frame** 013115/0009  
**Attorney Docket No:** 17421/065002